

In the Specification

Please amend the specification as follows:

Substitute Specification

Summary of the Invention

The invention comprises a skylight conversion kit for light channeling systems extending between the roof and the interior ceiling, such as swamp cooler ducts. It has a plate positioning segment in communication with and adapted to removably secure over the interior end of a light channeling system extending between a roof and its room interiors. A ceiling mount is secured over the plate positioning segment entry into the ceiling interior and is structured to hold a plurality of insulated decorative plates over the interior end of the light channeling system entry. It has a decorative trim finish approximately two inches wide to hide any evidence of the channeling system entry. It may include a gasket and structure to removably seal and secure the mount over the plate positioning segment of the light channeling system entry. The ceiling mount and plate positioning segment is preferably square and is sized to hold a plurality of insulated stackable decorative light diffuser plates, which transmit light there through into the interior of a room. The mount allows a plurality of plates to be stacked to provide the desired insulating properties at various times of the year. The ceiling mount and plate positioning segment allows the plates to be lifted and turned on edge within the plate positioning segment to be removed through the hole in the ceiling mount so that the number of plates can be added or removed periodically for cleaning or additional insulating as necessary to maintain the desired interior temperature. The decorative plates are also patterned and colored to suit the preference of a user, and may be interchanged to match varying decors. Each decorative plate may also have different insulating properties, which are then employed by stacking the required number and types in multiples to provide the required insulating factor.

The plurality of insulated stackable decorative plates may be separated with a gasket spacer system to leave an air space between them and absorb shocks and prevent accidental damage thereto in the event of accidental contact or excessive house vibration.

A roof mount is included and adapted to secure to the roof over the exterior end of the light channeling system an insulated light transmitting plate to allow exterior light to enter and pass through the light channeling system. The light transmitting plate is preferably flat to minimize visual interference with rooflines. It also insulates the opening to the light channeling system and prevents the entrance of moisture, bugs, and dust.

Where there is an existing light channeling system, such as evaporative cooler ducts, the skylight conversion kit includes flexible insulating material to wrap there around and insulate the same. If there is no existing light channeling system, the kit includes a flexible insulating tubular system with interior light reflecting properties to connect the roof. This flexible tubing may be cut on-site to fit the attic space available, preferably at an angle to prevent hot spots from being transmitting into the interior of the room.

To use the invention, a hole is cut in the roof and ceiling and interconnected with the flexible insulated tubular system such that its interior light reflecting surfaces transmit exterior light into the interior. The hole in the roof is then capped with the roof mount sealed to the flashing, and the hole in the ceiling is covered with the ceiling mount containing a plurality of insulated plates. The number of insulated plates is selected and inserted to provide the desired insulating properties, and the pattern and color of the plates varied to provide the desired interior décor.

To convert swamp cooler ducting with one end opening to the roof and the other opening leading into the room interior into a skylight, a plate positioning segment with an opening is installed proximate the ceiling such that its opening is in communication with the interior end of the duct work such that it leads into the room interior. A ceiling mount with an opening is installed over the plate positioning segment opening entering the room interior. The ceiling

mount has structure to hold over the positioning segment opening one or more insulated stackable decorative plates sized and shaped to cover the ceiling mount opening and lift and move within the positioning segment for addition or removal. A number of insulated stackable decorative plates can thus be stacked on the ceiling mount in a manner, which transmits light there through into the interior of a room. The number of decorative plates is selected and added to provide the desired decorative and insulating properties at various times of the year. The number may be adjusted periodically to maintain the desired interior temperature, or seasonal decorative theme, such as adding decorative Christmas plates in the winter, or Easter plates in the spring.

A roof mount with opening adapted to secure to the roof is then placed with its opening positioned over the exterior end of the evaporative cooling duct. The roof mount has structure to seal thereto at least one insulated light transmitting plate sized to cover and seal the roof mount opening to allow exterior light to enter and pass through the evaporative cooling ducts. The light transmitting plate insulates the exterior end of the evaporative cooling duct opening to transmit light there through while preventing heat transfer and the entrance of moisture, bugs, and dust.

The shape of the plates and opening of the ceiling mount may be varied from square to oblong, to any geometric shape which can be removed through the opening in the ceiling mount by lifting and turning it within the plate positioning segment on edge to pass through the diagonal of the ceiling mount opening for removal without unscrewing the ceiling mount. These varying shapes allow interesting decorative light touches, utilizing insulated decorative plates, which can be interchanged to suit the style and insulating preferences of a user.

For old evaporative cooler ducting installations which are still wired for power, a light may be wired within the ducting to act as a night light, while still allowing sufficient light to pass there through for use as a skylight during the day.